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DIALOG(R)File 351:Derwent WPI

008205100 **Image available**
WPI Acc No: 1990-092101/ 199013
XRPX Acc No: N90-071078
Loudspeaker or microphone with bead-centred diaphragm - having mass per unit area increasing with distance from centre
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Inventor: KELLER F
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3831376	A	19900322	DE 3831376	A	19880915	199013	B
DE 3831376	C	19901220				199051	

Priority Applications (No Type Date): DE 3831376 A 19880915
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3831376	A		8		

Abstract (Basic): DE 3831376 A

The mass per unit area of the diaphragm rises with increasing distance from the centre, either constantly, progressively, regressively or in jumps. The thickness of the diaphragm pref. rises in wedge fashion with spacing from the centre (3). At the centre the diaphragm may have a constant least thickness. The diaphragm pref. comprises a support layer and at least one additional layer carried by this.

The bead-stiffness may rise or fall with spacing from the centre. The layer may be on either side of the support layer. Sound speed in the diaphragm may be about that in air. The circumference sound frequency may be a set amt. less than the wavelength of the frequency radiated into air. The thickness of the tension strip and hook for the centering may also vary with spacing from the centre.

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Title Terms: LOUDSPEAKER; MICROPHONE; BEAD; CENTRE; DIAPHRAGM; MASS; PER; UNIT; AREA; INCREASE; DISTANCE; CENTRE
Derwent Class: V06
International Patent Class (Additional): H04R-001/22; H04R-007/02
File Segment: EPI
Manual Codes (EPI/S-X): V06-A02; V06-B02; V06-F